QA/Test Working Group Meeting

Thursday, September 19th 2019

Attendees:

Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Item</th>
<th>Who</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 mins</td>
<td>Black box testing - test status</td>
<td>Robin (IOTech), Cloud (IOTech)</td>
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<tr>
<td>5 mins</td>
<td>Dynamic Configuration for Black Box Testing</td>
<td>All</td>
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<tr>
<td>5 mins</td>
<td>Edinburgh/Fuji backward compatibility testing – Fuji or Geneva?</td>
<td>All</td>
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<tr>
<td>5 mins</td>
<td>Investigation Update [RAML -&gt; Swagger conversion]</td>
<td>Cloud (IOTech)</td>
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<tr>
<td>20 mins</td>
<td>New Framework – For Device Service Testing</td>
<td>Cloud (IOTech)</td>
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<tr>
<td>5 mins</td>
<td>New business</td>
<td>All</td>
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1. Blackbox Testing Status

- PR #271 for new tests of APP Function SDK is reviewed and waiting for updating
• 1 test failures on x86, (change 1 -> 1)
  ▪  https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-centos7-blackbox-4c-2g-master/lastBuild/allure/

• 4 test failure ARM (change 0 -> 4)
  ▪  https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-ubuntu18.04-docker-arm64-4c-2g-master/allure/#

• 1 test failures on security job x86 (change 3 -> 1)
  ▪  https://jenkins.edgexfoundry.org/view/blackbox-testing/job/blackbox-testing-security-centos7-blackbox-4c-2g-master/lastBuild/allure/
  ▪  Security job on ARM currently failing. See issue #185

New Blackbox Test
• PR #8 on edgex-taf is closed and PR #5 on edgex-taf-common are under review.

• Black Box Testing Issues:
  See https://github.com/edgexfoundry/blackbox-testing/issues

• Performance Testing Issues:
  See https://github.com/edgexfoundry/performance-test/issues

• QA Test Project Board:
  See https://github.com/orgs/edgexfoundry/projects/27

2. Edinburgh/Fuji backward compatibility testing – Fuji or Geneva?
  o Stretch goal for Fuji release if resources available

3. Dynamic Configuration For Black Box Testing
  o Implementation of the “Writable Config. Settings Audit” proposed by Trevor on 09/09/19. Will not be included in Fuji release, should be considered for “Geneva Release”.

4. Investigation Update [RAML -> Swagger conversion]
  o Waiting for swagger-hub account.
  o PR #357 for Device-SDK API document is updated and under review.

5. New Framework – For Device Service Testing
  o Cloud will present latest updates on new test framework for device testing.

6. New business
  o Get the issue number pertaining to the Backward Compatibility Testing and add it.
  o Discussion on tools (Before the Budget gets decided) – Get back to Jim with propositions
  o Next two meetings are cancelled. Next meeting on the 10th of October.